

In the Claims:

1. (*previously presented*) An electrostatic spraying device comprising a capillary spray electrode having a spraying end, and a reference electrode, the electrodes being connected, in use, across a generator in order to establish an electric field between the electrodes and cause fluid in the capillary to be sprayed from the spray electrode, wherein the spray electrode has a focus that defines a point at which the electric field is focused on the spraying end.
2. (*previously presented*) An electrostatic spraying device according to claim 1, wherein the focus is a projection extending from a front surface of the spraying end in a direction parallel to the longitudinal axis of the spray electrode.
3. (*previously presented*) An electrostatic spraying device according to claim 2, wherein the projection is rounded with a radius of curvature less than that of the spray electrode.
4. (*previously presented*) An electrostatic spraying device according to claim 1, wherein the focus is a rod adjacent the spray electrode and extending beyond a front surface of the spraying end in a direction parallel to the longitudinal axis of the spray electrode.
5. (*previously presented*) An electrostatic spraying device according to claim 4, wherein the end of the rod is rounded with a radius of curvature less than that of the spray electrode.
6. (*previously presented*) An electrostatic spraying device according to claim 1, wherein the spray electrode has a front surface at the spraying end, the front surface having rounded edges and being disposed at an oblique angle to the longitudinal axis of the spray electrode, thereby providing the focus.
7. (*previously presented*) An electrostatic spraying device according to claim 6, wherein the front surface lies substantially in a plane.
8. (*previously presented*) An electrostatic spraying device according to any of the preceding claims, wherein the spray electrode is coated in a layer of dielectric or semiconductor material.
9. (*previously presented*) An electrostatic spraying device according to any of the preceding claims, wherein the focus defines a point on the spray electrode closest to the reference electrode.
10. (*previously presented*) An electrostatic spraying device according to any of claims 1 to 8, wherein the focus defines a point on the spray electrode furthest from the reference electrode.
11. (*previously presented*) An electrostatic spraying device according to any of claims 1 to 8, wherein the focus defines a point on the spray electrode midway between the points

furthest from and closest to the reference electrode.

12. (*previously presented*) A device according to any of the preceding claims, further comprising a reservoir in fluid communication with the spray electrode.

13. (*previously presented*) A spray electrode for use with the electrostatic spraying device according to any of the claims 1 to 12.

14. (*withdrawn*)

15. (*withdrawn*)

16. (*previously presented*) An electrostatic spraying device comprising a capillary spray electrode having a spraying end, and a reference electrode, the electrodes being connected, in use, across a generator in order to establish an electric field between the electrodes and cause fluid in the capillary to be sprayed from the spray electrode, wherein the device further comprises a mechanism for applying a pulsed pressure wave to the fluid as it is sprayed from the spray electrode, thereby cleaning the spray electrode.

17. (*previously presented*) An electrostatic spraying device according to claim 16, wherein the mechanism for applying a pulsed pressure wave to the fluid is a piezoelectric diaphragm.

18. (*previously presented*) An electrostatic spraying device according to claim 16, wherein the mechanism for applying a pulsed pressure wave to the fluid is a pump.

19. (*previously presented*) An electrostatic spraying device according to claim 16, wherein the pump is a peristaltic pump.

20. (*previously presented*) A device according to any of claims 16 to 19, further comprising a reservoir in fluid communication with the spray electrode.

21. (*previously presented*) An electrostatic spraying device according to claim 20, when dependent on claim 18 or 19, wherein the pump is adapted to pump fluid from the reservoir to the spray electrode.

22. (*withdrawn*)

23. (*withdrawn*)